



# SEQUENCE LISTING

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Wood, Keith V.  
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Promega Corporation

<120> Vectors for Directional Cloning

<130> 341.030US1

<140> 10/702,228

<141> 2003-11-05

<150> 10/678,961

<151> 2003-10-03

<160> 92

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<210> 22  
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<210> 25  
 <211> 14  
 <212> PRT  
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<400> 25  
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 1 5 10

<210> 26  
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1 5 10

<210> 27  
<211> 19  
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<220>  
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<400> 27  
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1 5 10 15  
Ser Arg Gly

<210> 28  
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<400> 28  
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1 5 10

<210> 29  
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<400> 29  
Thr Cys Thr Ser Cys Asn Asn Leu Pro His Gln Arg  
1 5 10

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<210> 31  
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<210> 42  
<211> 18  
<212> PRT  
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Tyr Cys

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<210> 58  
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<210> 61  
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<400> 61  
Thr Gly Thr Ser Ala Asn Asn Ile Met Thr Asn Lys Ser Arg  
1 5 10

<210> 62  
<211> 8  
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<210> 63  
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<400> 63  
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1 5 10

<210> 64  
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1 5 10

<210> 65  
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 1 5 10  
  
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 1 5 10  
  
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 1 5 10  
  
 <210> 68  
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 1 5 10  
  
 <210> 69  
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 aaggagcgat cgcnatg 17

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 <211> 15  
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<220>  
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<220>  
 <221> misc\_feature  
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 <223> n = A, T, C, or G, wherein  $n_1-n_3$ ,  $n_2n_3G$ , or  $n_3GC$  is codon which is not a stop codon

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 nnngcgatcg ccatg 15

<210> 71  
 <211> 12  
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 <223> A synthetic DNA fragment, wherein the complement to the remainder of an open reading frame is present 5' to nnn.

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 nnncatggcg at 12

<210> 72  
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 <222> 1-3  
 <223> n = A, T, G or C, wherein  $n_1-n_3$  is a codon that does not encode for a stop codon

<220>  
 <221> misc\_feature  
 <222> 8-9  
 <223> n = A, T, G, or C, wherein  $TN_8N_9$  is a codon that does not code for a stop codon

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 <222> 10-12  
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 nnnngtttnnn nn 12

<210> 73  
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<220>  
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 ggatgnnnnnn nnnnnnnn 18

<210> 74  
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<400> 74  
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<210> 75  
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 cacctgcnnn nnnnn 15

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gctcttcnnn n 11

<210> 77  
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ggccnnnnng gcc 13

<210> 78  
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<400> 78  
gctcttcnnn n 11

<210> 79  
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ccnnnnnnng g 11

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ggccnnnnng gcc

13

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11

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cccacannnn nnnnnnnn

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naaggagcga tcgcatgg

19

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naaggagcga tcgccatg

18

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<220>  
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<210> 86  
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11

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